

Please type a plus sign (+) inside this box

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

| | | |
|------------------------|---|-----------------|
| Attorney Docket No. | | 17782 |
| First Inventor | | Vincent M. KANE |
| Title | ELECTRONIC MODULE ASSEMBLY APPARATUS, METHODS AND ARTICLES OF MANUFACTURE | |
| Express Mail Label No. | EL929341062 US | |

Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents**ADDRESS TO:** BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification *Total Pages* [15]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Federally sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) *Total Pages* [7]
- Oath or Declaration *Total Pages* [3]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation divisional with Box 18 completed)
- i. DELETION OF INVENTOR(S)
- ☐ Signed statement attached deleting inventor(s)
named in the prior application (see 37 CFR) 1.63(d)(2)
and 1.33(b)
9. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s)) ✓
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
16. ☐ Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:
Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relief upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

| | | | | | |
|-------------------|--|-----------------------------------|----------------|----------|-------------------|
| Name | Joseph A. Tessari, Esquire | | | | |
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| Name (Print/Type) | Joseph E. Ghovanes | Registration No. (Attorney/Agent) | 33,481 | | |
| Signature | | | | Date | February 28, 2002 |

CERTIFICATION UNDER 37 CFR § 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the U.S. Postal Service on 02/28/2002, in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR § 1.10, Mailing Label Number EL929341062US addressed to Assistant Commissioner for Patents, Washington DC 20231

Karen Spina

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) -780**METHOD OF PAYMENT**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit
Account

50-0979

Deposit
Account
Name☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status
See 37 CFR 1.272. ☒ Payment Enclosed☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|---------------|
| 101 | 740 | 201 | 370 | Utility filing fee | \$ 740 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | \$ 740 |
| SUBTOTAL (1) | | | | | \$ 740 |

2. EXTRA CLAIMS FEES

| | | | Extra Claims | | Fee from below | | Fee Paid |
|-----------------------|----|--------|--------------|---|-------------------|---|----------|
| Total Claims | 19 | - 20** | = 0 | X | 18 | = | \$ |
| Independent Claims | 3 | - 3** | = 0 | X | 84 | = | \$ |
| Multiple Independent | | | + | | 280 | = | \$ |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee Code | Fee Description |
|----------------------|-----------------------|----------------------|-----------------------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

\$

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY CUSTOMER NO.**Complete if known**

Application Number
Filing Date
First Named Inventor **Vincent M. KANE**
Examiner Name
Group Art Unit
Attorney Docket No. **17782**

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-------------|--------------------------------|-------------|--------------------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2520 | 147 | 2520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1840* | 113 | 1840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1510 | 138 | 1510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petition to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 375 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 40

Complete (if applicable)

Name (Print/Type)

Joseph E. ChovanesRegistration No.
(Attorney/Agent)**33,481**

Telephone

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Signature

Date

February 28, 2002